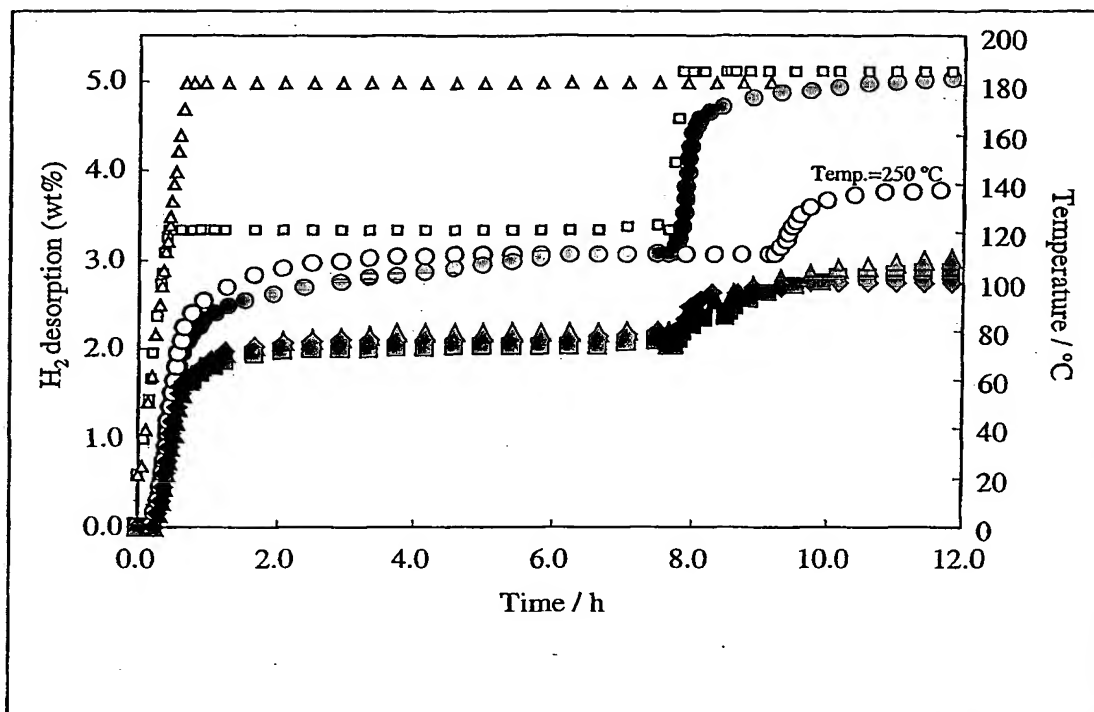


1/6

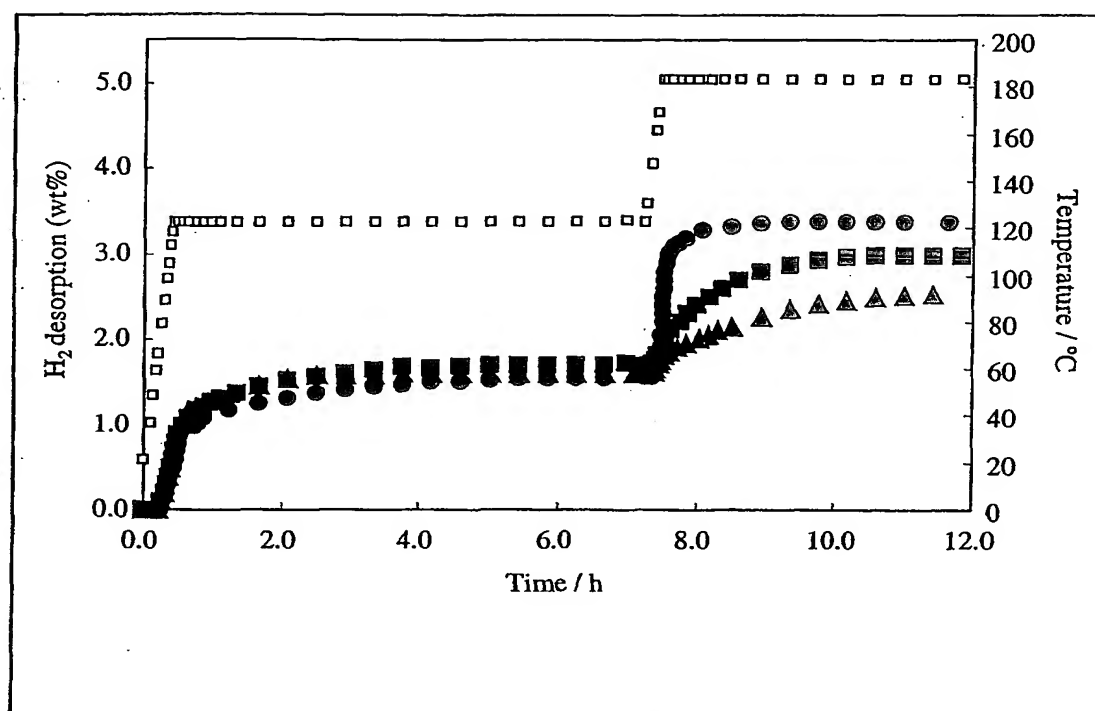
Figure 1



Encapsulated Ti doped NaAlH₄ (example 1); (○) cycle 1, (Δ) cycle 2, (◻) cycle 3, (◊) cycle 4, (◐) cycle 5; (◻) temperature in cycles 1 to 3 and 5; temperature in cycle 4.

2/6

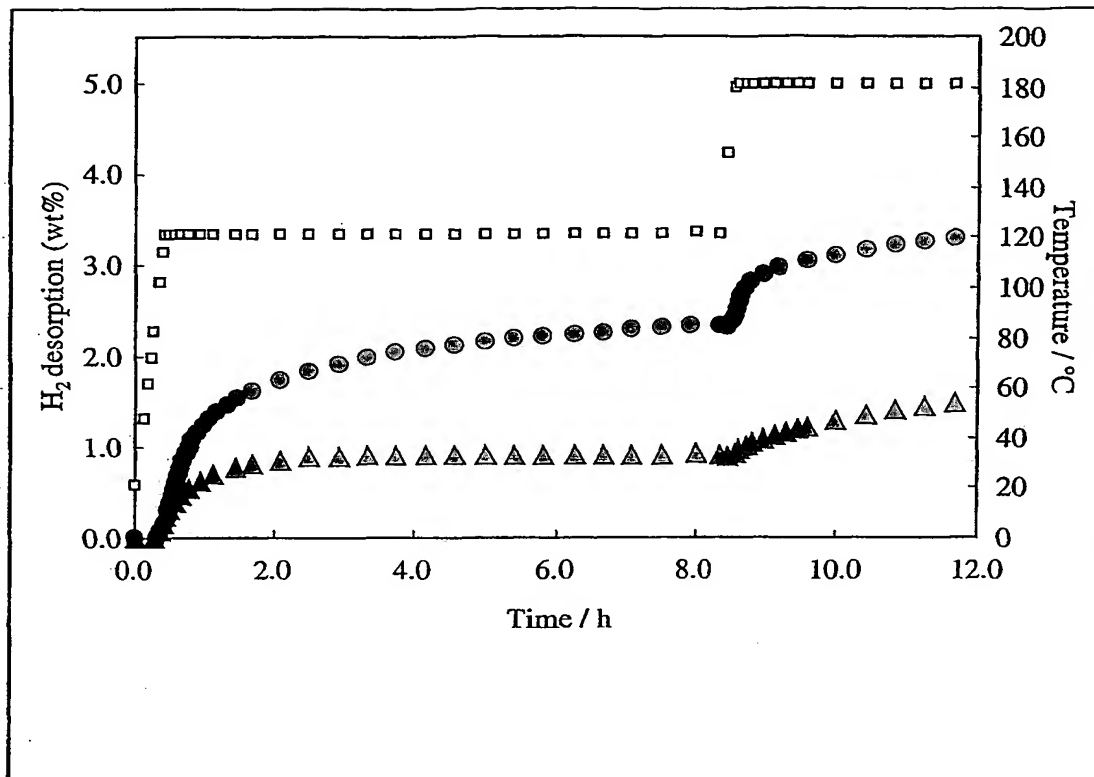
Figure 2



Encapsulated Ti doped NaAlH₄ (example 3); (●) cycle 1, (▲) cycle 2, (■) cycle 3, (□) temperature in cycles 1 to 3

3/6

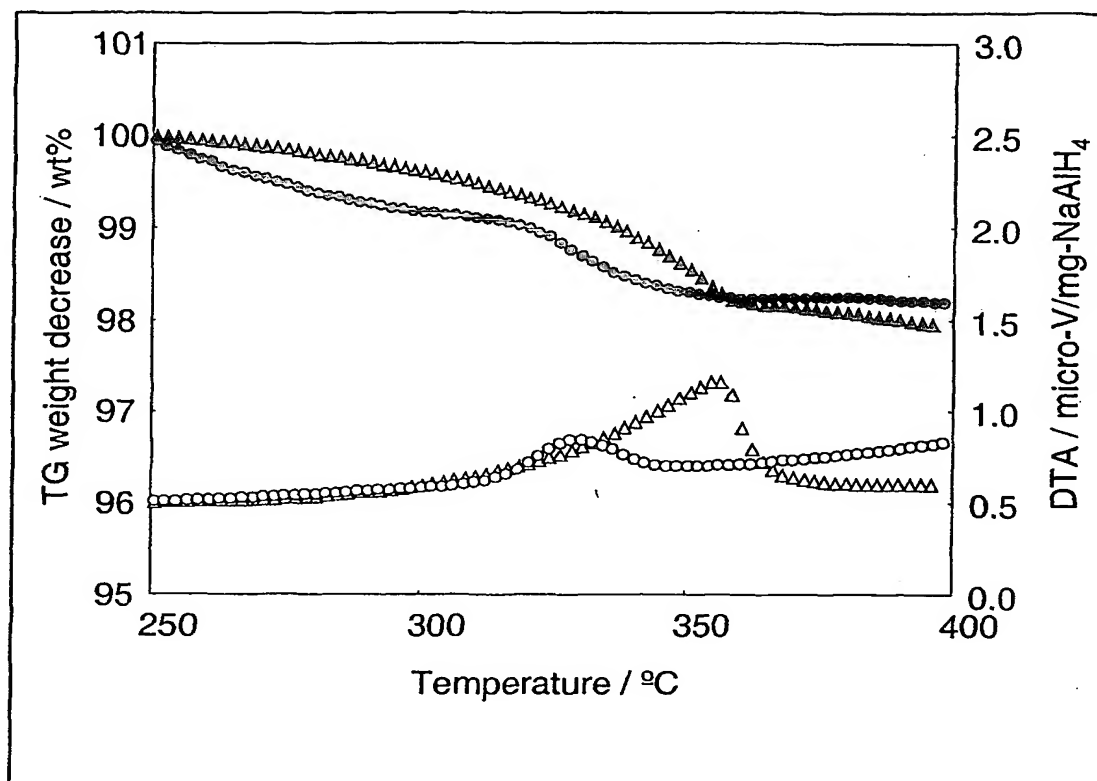
Figure 3



Non-encapsulated Ti doped NaAlH₄; (●) cycle 1, (▲) cycle 2, (□) temperature in cycles 1 and 2

4/6

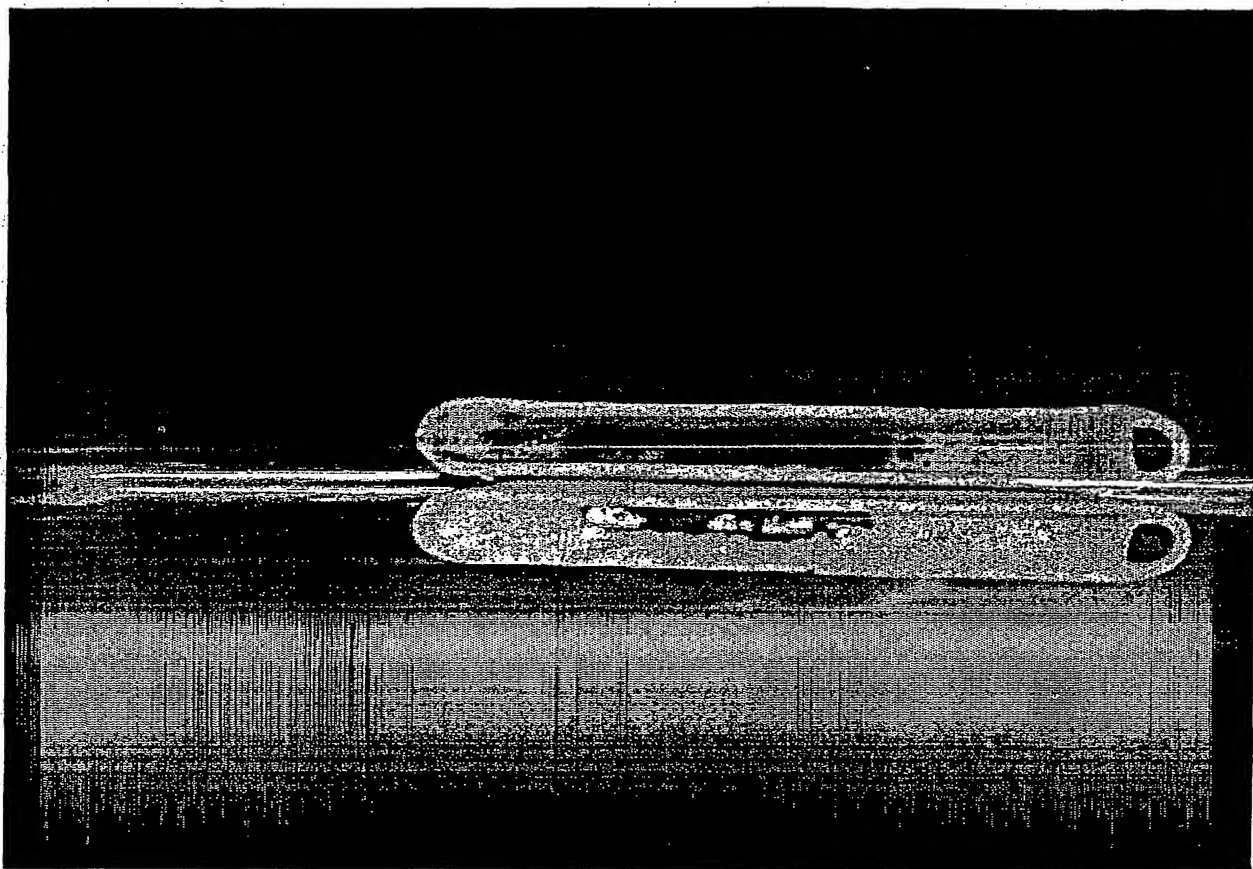
Figure 4



TG-DTA of encapsulated and non-encapsulated Ti doped NaAlH₄; (○) TG of encapsulated Ti doped NaAlH₄ (example 3), (Δ) TG of non-encapsulated Ti doped NaAlH₄, (○) DTA of Ti doped NaAlH₄ (example 2), (Δ) DTA of non-encapsulated Ti doped NaAlH₄.

5/6

Figure 5



NaAlH₄ doped with Ti after contact with air:
Upper probe is encapsulated, lower is non-encapsulated (example 1).

BEST AVAILABLE COPY

6/6

Figure 6

